What is CPK and the importance of the measurement?

Cost per kilometre in tyre management is an important parameter for keeping track of tyres performance. In order to accurately calculate CPK the entire life cycle of the tyre is taken into account.

CPK can be calculated using two different methods.

Financial CPK

Currency expenses i.e. NGN Expenses / KM run. This method is sensitive to purchase levels and abrupt changes.

Accounting CPK

Rubber (mm) used/ km Run. This method is not sensitive to purchase levels

The lower your cost per km the more efficient your tyres are running.

Measuring CPK can allow fleet managers to analyze which tyre brands are performing best, which routes or fleets are performing best and even to the point of which driver is taking care of his tyres the best all other things being equal.

Using the correct tyre management system TSN has managed to decrease fleets CPK costs by 20%. The impact of this is

- Reduced tyre purchases,
- Reduced tyre inventory,
- Reduced tyre failures,
- Greater fuel efficiency,
- Reduced breakdowns resulting in faster turnaround time
- Increased safety thus resulting in fewer accidents and injuries.